GOVERNMENT OF INDIA
OCEAN DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:2162
ANSWERED ON:16.03.2005
SEA FLOOR PRESSURE RECORDING SYSTEM
Bishnoi Shri Kuldeep

Will the Minister of OCEAN DEVELOPMENT be pleased to state:

(a) whether the Government has decided to install `Sea Floor Pressure Recording System` on the entire sea-coast of the country;

(b) if so, the details thereof; and

(c) the steps taken by the Government for early installation of this system in the wake of recent tsunami disaster?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE (INDEPENDENT CHARGE) OF THE DEPARTMENT OF OCEAN DEVELOPMENT (KAPIL SIBAL)

(a) Yes, Sir. The Sea Floor Pressure Recording System would be appropriately placed to monitor tsunamis generated by 2 identified tsunamigenic earthquake sources.

(b) and (c) The Government is setting up a tsunami and storm surges warning system with the following components at an estimated cost of Rs. 125 crores in about 2 1/2 years:

- Strengthening of the existing seismological network to indicate near real time occurrence of a tsunamigenic earthquake.
- Installation of Bottom Pressure Recorders close to the ocean bottom at appropriate locales in the Indian Ocean, with real time connectivity.
- Tide gauge and data buoys networking.
- Modeling of the inundation scenarios for the entire coast.
- The establishment of a center for collection of the information, analysis and generating status advisories.